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From: Slobodyansky, Elizabeth
Sent: Tuesday, September 23, 2003 7:07 PM
To: STIC-Biotech/ChemLib
Subject: 09/724,126

Please search for case 09/724,126:

SEQ ID NOS: 1, 18 and 19 against commercial ~~and interference~~ databases.

Thank you.

Elizabeth Slobodyansky, PhD

Primary Examiner

Art Unit 1652
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703-306-3222

mail box 10D01

104 374
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SEP 24 2003

TECH/CHEM. DIVISION
(STIC)

Edward Hart
Technical Info. Specialist
STIC/Biotech
CMI 6B02 Tel: 305-9203

Searcher: _____
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Location: _____
Date Picked Up: 9/24/03
Date Completed: 9/24/03
Searcher Prep/Review: _____
Clerical: _____
Online time: _____

TYPE OF SEARCH: 2
NA Sequences: _____
AA Sequences: 1 _____
Structures: _____
Bibliographic: _____
Litigation: _____
Full text: _____
Patent Family: _____
Other: _____

VENDOR/COST (where applic.)
STN: _____
DIALOG: _____
Questel/Orbit: _____
DRLink: _____
Lexis/Nexis: _____
Sequence Sys.: DB H/10
WWW/Internet: _____
Other (specify): _____

WEST Search History

DATE: Friday, September 26, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L3	L2 with (DNA or gen\$ or nucle\$)	21	L3
L2	L1 with human	47	L2
L1	(e3 with ubiquitin) or ubr1	235	L1

END OF SEARCH HISTORY

WEST

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 21 returned.**☐ 1. Document ID: US 20030166587 A1

L3: Entry 1 of 21

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030166587

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030166587 A1

TITLE: Compounds and methods for modulating activation of NF-kB

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Manning, Anthony M.	Lake St. Louis	MO	US	
Mercurio, Frank	San Diego	CA	US	
Amit, Sharon	Beer-Sheba		IL	
Ben-Neriah, Yinon	Zion		IL	
Davis, Matti	Jerusalem		IL	
Hatzubai, Ada	Kibutz Palmah-Zova		IL	
Yaron, Avraham	Jerusalem		IL	
Alkalay, Irit	Jerusalem		IL	
Ciechanover, Aaron	Haifa		IL	

US-CL-CURRENT: 514/44; 424/94.63, 435/226, 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 2. Document ID: US 20030162237 A1

L3: Entry 2 of 21

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030162237

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030162237 A1

TITLE: Methods of monitoring enzyme activity

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Griffiths, Gary	Dundee		GB	

US-CL-CURRENT: 435/7.92; 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 3. Document ID: US 20030134809 A1

L3: Entry 3 of 21

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030134809

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030134809 A1

TITLE: Antisense modulation of ABC transporter MHC 1 expression

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Borchers, Alexander H.	Encinitas	CA	US	
Ward, Donna T.	Murrieta	CA	US	
Freier, Susan M.	San Diego	CA	US	

US-CL-CURRENT: 514/44; 435/375, 435/6, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 4. Document ID: US 20030100037 A1

L3: Entry 4 of 21

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100037

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030100037 A1

TITLE: Chemical modification

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Colyer, John	Leeds		GB	
Woolfson, Derek N.	Brighton		GB	
Lightowler, Joanne	York		GB	

US-CL-CURRENT: 435/7.92

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 5. Document ID: US 20030079235 A1

L3: Entry 5 of 21

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030079235

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030079235 A1

TITLE: Assay for measuring enzyme activity in vivo

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Craig, Roger Kingdon	Smallwood		GB	
Green, Simon	Invergowrie		GB	
Colyer, John	Bardsey		GB	

US-CL-CURRENT: 800/3; 424/9.6, 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FORM	Draw Data	Image
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☐ 6. Document ID: US 20030027220 A1

L3: Entry 6 of 21

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030027220
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030027220 A1

TITLE: Chemical modification

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Colver, John	Leeds		GB	
Woolfson, Derek N.	Brighton		GB	
Lightowler, Joanne	York		GB	

US-CL-CURRENT: 435/7.9; 530/391.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FORM	Draw Data	Image
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☐ 7. Document ID: US 20020197606 A1

L3: Entry 7 of 21

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020197606
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020197606 A1

TITLE: Compositions and methods for monitoring the modification of modification dependent binding partner polypeptides

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Craig, Roger	Smallwood		GB	

US-CL-CURRENT: 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 8. Document ID: US 20020194627 A1

L3: Entry 8 of 21

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020194627
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020194627 A1

TITLE: Transgenic mice containing ubiquitin protein ligase E3 gene disruptions

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Leviten, Michael W.	Palo Alto	CA	US	

US-CL-CURRENT: 800/8; 435/226, 435/320.1, 435/354, 435/455, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 9. Document ID: US 20020106689 A1

L3: Entry 9 of 21

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020106689
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020106689 A1

TITLE: METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE DISEASE

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
FAUSTMAN, DENISE	WESTON	MA	US	
HAYASHI, TAKUMA	CAMBRIDGE	MA	US	

US-CL-CURRENT: 435/7.1; 436/506

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 10. Document ID: US 20020045192 A1

L3: Entry 10 of 21

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020045192
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020045192 A1

TITLE: Arf and HDM2 interaction domains and methods of use thereof

PUBLICATION-DATE: April 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kriwacki, Richard	Memphis	TN	US	
Bothner, Brian	Memphis	TN	US	
Lewis, William	Memphis	TN	US	

US-CL-CURRENT: 435/7.1; 514/1, 702/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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ROUND	Draw Desc	Image
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[Generate Collection](#)[Print](#)**Terms**

L2 with (DNA or gen\$ or nucle\$)

Documents

21

Display Format:

-

[Change Format](#)[Previous Page](#)[Next Page](#)

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Your result set for the last L# is incomplete.

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[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 20 of 21 returned.**☐ 11. Document ID: US 20020019002 A1

L3: Entry 11 of 21

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019002

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020019002 A1

TITLE: Methods of monitoring enzyme activity

PUBLICATION-DATE: February 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Griffiths, Gary	Oldham		GB	

US-CL-CURRENT: 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMNC	Draw Desc	Image
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☐ 12. Document ID: US 6617171 B2

L3: Entry 12 of 21

File: USPT

Sep 9, 2003

US-PAT-NO: 6617171

DOCUMENT-IDENTIFIER: US 6617171 B2

TITLE: Methods for diagnosing and treating autoimmune disease

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMNC	Draw Desc	Image
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☐ 13. Document ID: US 6465199 B1

L3: Entry 13 of 21

File: USPT

Oct 15, 2002

US-PAT-NO: 6465199

DOCUMENT-IDENTIFIER: US 6465199 B1

TITLE: Compositions and methods for monitoring the modification of natural binding partners

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMNC	Draw Desc	Image
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☐ 14. Document ID: US 6407062 B1

L3: Entry 14 of 21

File: USPT

Jun 18, 2002

US-PAT-NO: 6407062

DOCUMENT-IDENTIFIER: US 6407062 B1

**** See image for Certificate of Correction ****

TITLE: ARF-P19, a novel regulator of the mammalian cell cycle

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 15. Document ID: US 6159732 A

L3: Entry 15 of 21

File: USPT

Dec 12, 2000

US-PAT-NO: 6159732

DOCUMENT-IDENTIFIER: US 6159732 A

TITLE: Nucleic acid encoding mammalian Ubr1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

RMK	Draw Desc	Image
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☐ 16. Document ID: US 6087122 A

L3: Entry 16 of 21

File: USPT

Jul 11, 2000

US-PAT-NO: 6087122

DOCUMENT-IDENTIFIER: US 6087122 A

TITLE: Human E3 ubiquitin protein ligase

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

RMK	Draw Desc	Image
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☐ 17. Document ID: US 5976849 A

L3: Entry 17 of 21

File: USPT

Nov 2, 1999

US-PAT-NO: 5976849

DOCUMENT-IDENTIFIER: US 5976849 A

TITLE: Human E3 ubiquitin protein ligase

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

RMK	Draw Desc	Image
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☐ 18. Document ID: US 5861312 A

L3: Entry 18 of 21

File: USPT

Jan 19, 1999

US-PAT-NO: 5861312

DOCUMENT-IDENTIFIER: US 5861312 A

**** See image for Certificate of Correction ****

TITLE: Nucleic acid encoding mammalian UBR1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

RMW	Draw Desc	Image
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☐ 19. Document ID: AU 200239539 A WO 200245495 A2

L3: Entry 19 of 21

File: DWPI

Jun 18, 2002

DERWENT-ACC-NO: 2002-547740

DERWENT-WEEK: 200262

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TITLE: Transgenic animal useful for identifying agents that ameliorate a phenotype associated with a disruption in target genes, comprising a disruption in target genes e.g. CHD2-like gene, TDCDF1 gene or E3-like gene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMW	Draw Desc	Image
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☐ 20. Document ID: WO 200224878 A2 AU 200221624 A

L3: Entry 20 of 21

File: DWPI

Mar 28, 2002

DERWENT-ACC-NO: 2002-383186

DERWENT-WEEK: 200252

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TITLE: Novel human E3 ubiquitin protein ligase-like enzymes, regulators of which are useful for preventing and treating cancer, Parkinson's disease, Angelman syndrome and Alzheimer's disease

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMW	Draw Desc	Image
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Terms	Documents
L2 with (DNA or gen\$ or nucle\$)	21

Display Format:

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Your result set for the last L# is incomplete.

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Search Results - Record(s) 21 through 21 of 21 returned.

☐ 21. Document ID: WO 9940201 A1 JP 2002502610 W US 5976849 A AU 9924341 A US 6087122 A EP 1053332 A1

L3: Entry 21 of 21

File: DWPI

Aug 12, 1999

DERWENT-ACC-NO: 1999-508506

DERWENT-WEEK: 200211

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TITLE: New human proteolytic accessory enzyme and its modulators useful for treating disease conditions like inflammation or autoimmune diseases

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMO	Draw Desc	Image
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Terms	Documents
L2 with (DNA or gen\$ or nucle\$)	21

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Welcome to STN International! Enter x:x

LOGINID:sssptal800exs

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the
present
NEWS 4 Jul 15 Data from 1960-1976 added to RDISCLOSURE
NEWS 5 Jul 21 Identification of STN records implemented
NEWS 6 Jul 21 Polymer class term count added to REGISTRY
NEWS 7 Jul 22 INPADOC: Basic index (/BI) enhanced; Simultaneous Left and
Right Truncation available
NEWS 8 AUG 05 New pricing for EUROPATFULL and PCTFULL effective
August 1, 2003
NEWS 9 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 10 AUG 15 PATDPAFULL: one FREE connect hour, per account, in
September 2003
NEWS 11 AUG 15 PCTGEN: one FREE connect hour, per account, in
September 2003
NEWS 12 AUG 15 RDISCLOSURE: one FREE connect hour, per account, in
September 2003
NEWS 13 AUG 15 TEMA: one FREE connect hour, per account, in
September 2003
NEWS 14 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 15 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 16 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 17 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS 18 SEP 22 DIPPR file reloaded
NEWS 19 SEP 25 INPADOC: Legal Status data to be reloaded

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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=> fil .eliz

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SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY
0.63

SECTION
0.63

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=> s e3 (3a) ubiquitin
'E3' NOT FOUND
The E# entered is not currently defined.

=> s e3a (3a) ubiquitin
L1 28 E3A (3A) UBIQUITIN

=> dup rem l1
PROCESSING COMPLETED FOR L1
L2 12 DUP REM L1 (16 DUPLICATES REMOVED)

=> d 1-12

L2 ANSWER 1 OF 12 HCAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:323188 HCAPLUS
DN 139:63234
TI Nicotine Modulates the Expression of a Diverse Set of Genes in the
Neuronal SH-SY5Y Cell Line
AU Duncckley, Travis; Lukas, Ronald J.
CS Division of Neurobiology, Barrow Neurological Institute, Phoenix, AZ,
85013, USA
SO Journal of Biological Chemistry (2003), 278(18), 15633-15640
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 12 MEDLINE on STN DUPLICATE 1
AN 2003105513 MEDLINE
DN 22505464 PubMed ID: 12619117
TI The role of TP53 in Cervical carcinogenesis.
AU Tommasino Massimo; Accardi Rosita; Caldeira Sandra; Dong Wen; Malanchi Ilaria; Smet Anouk; Zehbe Ingeborg
CS Angewandte Tumorstudiologie, Deutsches Krebsforschungszentrum, INF 242, Heidelberg, Germany.. tommasino@iarc.fr
SO HUMAN MUTATION, (2003 Mar) 21 (3) 307-12. Ref: 54
Journal code: 9215429. ISSN: 1098-1004.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
OS OMIM-191170
EM 200303
ED Entered STN: 20030306
Last Updated on STN: 20030325
Entered Medline: 20030324

L2 ANSWER 3 OF 12 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
AN 2003:235784 SCISEARCH
GA The Genuine Article (R) Number: 654CA
TI The role of TP53 in cervical carcinogenesis
AU Tommasino M (Reprint); Accardi R; Caldeira S; Dong W; Malanchi E; Smet A; Zehbe I
CS Int Agcy Res Canc, WHO, Unit Infect & Canc, 150 Cours Albert Thomas, F-69372 Lyon 08, France (Reprint); Deutsch Krebsforschungszentrum, INF 242, D-6900 Heidelberg, Germany
CYA France; Germany
SO HUMAN MUTATION, (MAR 2003) Vol. 21, No. 3, pp. 307-312.
Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK, NY 10158-0012 USA.
ISSN: 1059-7794.
DT General Review; Journal
LA English
REC Reference Count: 54
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 4 OF 12 HCAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:177320 HCAPLUS
DN 138:335214
TI Angelman syndrome: A review of the clinical and genetic aspects
AU Clayton-Smith, J.; Laan, L.
CS Academic Department of Medical Genetics, St Mary's Hospital, Manchester, M13 0JH, UK
SO Journal of Medical Genetics (2003), 40(2), 87-95
CODEN: JMDGAE; ISSN: 0022-2593
PB BMJ Publishing Group
DT Journal; General Review
LA English
RE.CNT 83 THERE ARE 83 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 12 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
AN 2003-14213 BIOTECHDS
TI New isolated FMS-related tyrosine kinase-4 protein complex, useful for diagnosing, treating and preventing disorders associated with FLT4, such as cancer, diabetes, asthma, atherosclerosis, infectious diseases and hypertension;
involving vector-mediated gene transfer and expression in yeast cell for use in Alzheimer disease, inflammatory disorder, obesity, tissue ischemia, peripheral vascular disease, neurodegenerative disorder, vulnerary and lymphedema prevention and therapy
AU SUGIYAMA J

PA MYRIAD GENETICS INC
PI US 2002197691 26 Dec 2002
AI US 2002-135802 29 Apr 2002
PRAI US 2002-135802 29 Apr 2002; US 2001-287513 30 Apr 2001
DT Patent
LA English
OS WPI: 2003-341113 [32]

L2 ANSWER 6 OF 12 HCAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:3513 HCAPLUS
DN 138:185313
TI Congenital dyserythropoietic anemia type I is caused by mutations in
codanin-1
AU Dgany, Orly; Avidan, Nili; Delaunay, Jean; Krasnov, Tatyana; Shalmon, Lea;
Shalev, Hanna; Eidelitz-Markus, Tal; Kapelushnik, Joseph; Cattani, Daniel;
Pariante, Alexandre; Tulliez, Michel; Cretien, Aurore; Schischmanoff,
Pierre-Olivier; Iolascon, Achille; Fibach, Eithan; Koren, Ariel; Rossler,
Jochen; Le Merrer, Martine; Yaniv, Isaac; Zaizov, Rina; Ben-Asher, Edna;
Olender, Tsvyia; Lancet, Doron; Beckmann, Jacques S.; Tamary, Hannah
CS Pediatric Hematology Laboratory, Felsenstein Research Center, Rabin
Medical Center, Schneider Children's Medical Center of Israel, Petah
Tikva, 49202, Israel
SO American Journal of Human Genetics (2002), 71(6), 1467-1474
CODEN: AJHGAG; ISSN: 0002-9297
PB University of Chicago Press
DT Journal
LA English
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 12 MEDLINE on STN DUPLICATE 3
AN 2002452900 MEDLINE
DN 22197096 PubMed ID: 12207887
TI VCY2 protein interacts with the HECT domain of **ubiquitin**-protein
ligase **E3A**.
AU Wong Elaine Y M; Tse Jenny Y M; Yao Kwok-Ming; Tam Po-Chor; Yeung William
S B
CS Department of Obstetrics and Gynaecology, The University of Hong Kong, 7/F
Laboratory Block, Faculty of Medicine Building, 21 Sassoon Road, Pokfulam
Road, Hong Kong.
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2002 Sep 6) 296 (5)
1104-11.
Journal code: 0372516. ISSN: 0006-291X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200210
ED Entered STN: 20020906
Last Updated on STN: 20030304
Entered Medline: 20021024

L2 ANSWER 8 OF 12 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
AN 2002:495623 SCISEARCH
GA The Genuine Article (R) Number: 560GL
TI Dantrolene downregulates the gene expression and activity of the
ubiquitin-proteasome proteolytic pathway in septic skeletal muscle
AU Wray C J; Sun X Y; Gang G I; Hasselgren P O (Reprint)
CS Univ Cincinnati, Dept Surg, 231 Albert Sabin Way, Cincinnati, OH 45267 USA
(Reprint); Univ Cincinnati, Dept Surg, Cincinnati, OH 45267 USA; Shriners
Hosp Children, Cincinnati, OH 45229 USA
CYA USA
SO JOURNAL OF SURGICAL RESEARCH, (15 MAY 2002) Vol. 104, No. 2, pp. 82-87.
Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST, STE 1900, SAN
DIEGO, CA 92101-4495 USA.
ISSN: 0022-4804.
DT Article; Journal
LA English

REC Reference Count: 30
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 9 OF 12 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
AN 2002-05654 BIOTECHDS
TI Novel genetic variants of **ubiquitin** protein ligase **E3A**
gene useful in studying expression and function of the protein, and for
screening drugs to treat diseases e.g. Angelman syndrome;
recombinant protein gene production via plasmid expression in host
cell useful in gene therapy and drug screening
AU DUDA A; KLIEM S E; KOSHY B; SAUSKER E A
PA GENAISSANCE PHARM INC
PI WO 2001092582 6 Dec 2001
AI WO 2000-US17994 1 Jun 2000
PRAI US 2000-208539 1 Jun 2000
DT Patent
LA English
OS WPI: 2002-130535 [17]

L2 ANSWER 10 OF 12 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
AN 2001:869063 SCISEARCH
GA The Genuine Article (R) Number: 485XR
TI Kinetic analysis of the conjugation of ubiquitin to picornavirus 3C
proteases catalyzed by the mammalian ubiquitin-protein ligase E3 alpha
AU Lawton T G (Reprint); Sweep M E; Schlax P E; Bohnsack R N; Haas A L
CS Bates Coll, Dept Chem, Lewiston, ME 04240 USA (Reprint); Med Coll
Wisconsin, Dept Biochem, Milwaukee, WI 53226 USA
CYA USA
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (26 OCT 2001) Vol. 276, No. 43, pp.
39629-39637.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
PIKE, BETHESDA, MD 20814 USA.
ISSN: 0021-9258.
DT Article; Journal
LA English
REC Reference Count: 35
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 11 OF 12 HCAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:690293 HCAPLUS
DN 136:230155
TI The cause of Angelman syndrome the new look on the mechanism of genomic
imprinting
AU Borg, Katarzyna; Szpecht-Potocka, Agnieszka
CS Zaklad Genet. Med., Inst. Matki Dziecka, Warsaw, 01-211, Pol.
SO Postepy Biochemii (2001), 47(1), 98-104
CODEN: PSTBAH; ISSN: 0032-5422
PB Polskie Towarzystwo Biochemiczne
DT Journal; General Review
LA Polish

L2 ANSWER 12 OF 12 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 1998:109928 BIOSIS
DN PREV199800109928
TI The AS candidate gene UBE3A/E6-AP is imprinted in brain.
AU Rougeulle, Claire; Glatt, Heather; Lalande, Marc
CS Genetics Div., Children's Hosp., Boston, MA 02115 USA
SO American Journal of Human Genetics, (Oct., 1997) Vol. 61, No. 4 SUPPL.,
pp. A3.
Meeting Info.: 47th Annual Meeting of the American Society of Human
Genetics Baltimore, Maryland, USA October 28-November 1, 1997
ISSN: 0002-9297.
DT Conference
LA English

=> s e3alpha (3a) ubiquitin
L3 26 E3ALPHA (3A) UBIQUITIN

=> s 13 not 11
L4 25 L3 NOT L1

=> dup rem 14
PROCESSING COMPLETED FOR L4
L5 12 DUP REM L4 (13 DUPLICATES REMOVED)

=> d 1-12

L5 ANSWER 1 OF 12 HCAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:189112 HCAPLUS
DN 138:397799
TI Protein Interactions within the N-end Rule Ubiquitin Ligation Pathway
AU Siepmann, Thomas J.; Bohnsack, Richard N.; Tokgoez, Zeynep; Baboshina,
Olga V.; Haas, Arthur L.
CS Department of Biochemistry, Medical College of Wisconsin, Milwaukee, WI,
53226, USA
SO Journal of Biological Chemistry (2003), 278(11), 9448-9457
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 12 MEDLINE on STN DUPLICATE 1
AN 2003157108 MEDLINE
DN 22560464 PubMed ID: 12672461
TI Sepsis upregulates the gene expression of multiple ubiquitin ligases in
skeletal muscle.
AU Wray Curtis J; Mammen Joshua M V; Hershko Dan D; Hasselgren Per-Olof
CS Department of Surgery, University of Cincinnati, Cincinnati, OH, USA.
SO INTERNATIONAL JOURNAL OF BIOCHEMISTRY AND CELL BIOLOGY, (2003 May) 35 (5)
698-705.
Journal code: 9508482. ISSN: 1357-2725.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200309
ED Entered STN: 20030404
Last Updated on STN: 20030909
Entered Medline: 20030908

L5 ANSWER 3 OF 12 MEDLINE on STN DUPLICATE 2
AN 2003237482 MEDLINE
DN 22644779 PubMed ID: 12758177
TI Signals in hepatitis A virus P3 region proteins recognized by the
ubiquitin-mediated proteolytic system.
AU Losick Vicki P; Schlax Peter E; Emmons Rebecca A; Lawson T Glen
CS Department of Chemistry, Bates College, Lewiston, ME 04240, USA.
SO VIROLOGY, (2003 May 10) 309 (2) 306-19.
Journal code: 0110674. ISSN: 0042-6822.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200307
ED Entered STN: 20030522
Last Updated on STN: 20030708
Entered Medline: 20030707

L5 ANSWER 4 OF 12 MEDLINE on STN DUPLICATE 3
AN 2002280603 MEDLINE
DN 22016057 PubMed ID: 12020124
TI Dantrolene downregulates the gene expression and activity of the
ubiquitin-proteasome proteolytic pathway in septic skeletal muscle.

AU Wray Curtis J; Sun Xiaoyan; Wang Gyu I; Hasselgren Per-Olof
CS Department of Surgery, University of Cincinnati, Ohio 45267-0558, USA.
NC 1T32GM008478 (NIGMS)
DK37908 (NIDDK)
SO JOURNAL OF SURGICAL RESEARCH, (2002 May 15) 104 (2) 82-7.
Journal code: 0376340. ISSN: 0022-4804.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200206
ED Entered STN: 20020522
Last Updated on STN: 20030304
Entered Medline: 20020627

L5 ANSWER 5 OF 12 MEDLINE on STN DUPLICATE 4
AN 2001565169 MEDLINE
DN 21523966 PubMed ID: 11526102
TI Kinetic analysis of the conjugation of ubiquitin to picornavirus 3C
proteases catalyzed by the mammalian **ubiquitin**-protein ligase
E3alpha.
AU Lawson T G; Sweep M E; Schlax P E; Bohnsack R N; Haas A L
CS Department of Chemistry, Bates College, Lewiston, Maine 04240, USA..
tlawson@bates.edu
NC GM 34009 (NIGMS)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Oct 26) 276 (43) 39629-37.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200112
ED Entered STN: 20011023
Last Updated on STN: 20030304
Entered Medline: 20011207

L5 ANSWER 6 OF 12 MEDLINE on STN DUPLICATE 5
AN 2001640058 MEDLINE
DN 21548397 PubMed ID: 11689692
TI Construction and analysis of mouse strains lacking the **ubiquitin**
ligase UBR1 (**E3alpha**) of the N-end rule pathway.
AU Kwon Y T; Xia Z; Davydov I V; Lecker S H; Varshavsky A
CS Division of Biology, California Institute of Technology, Pasadena,
California 91125, USA.
NC DK39520 (NIDDK)
GM31530 (NIGMS)
SO MOLECULAR AND CELLULAR BIOLOGY, (2001 Dec) 21 (23) 8007-21.
Journal code: 8109087. ISSN: 0270-7306.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200112
ED Entered STN: 20011107
Last Updated on STN: 20021217
Entered Medline: 20011205

L5 ANSWER 7 OF 12 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:244164 BIOSIS
DN PREV200100244164
TI Proteins that interact with UBC-1 in *Caenorhabditis elegans*.
AU Crowe, Emily (1); Candido, E. Peter (1)
CS (1) The University of British Columbia, 2146 Health Sciences Mall,
Vancouver, British Columbia, V6T 1Z3 Canada
SO FASEB Journal, (March 7, 2001) Vol. 15, No. 4, pp. A26. print.
Meeting Info.: Annual Meeting of the Federation of American Societies for
Experimental Biology on Experimental Biology 2001 Orlando, Florida, USA
March 31-April 04, 2001

ISSN: 0892-6638.

DT Conference
LA English
SL English

L5 ANSWER 8 OF 12 MEDLINE on STN DUPLICATE 6
AN 2000133214 MEDLINE
DN 20133214 PubMed ID: 10631091
TI The gene expression of **ubiquitin** ligase **E3alpha** is
upregulated in skeletal muscle during sepsis in rats-potential role of
glucocorticoids.
AU Fischer D; Sun X; Gang G; Pritts T; Hasselgren P O
CS Department of Surgery, University of Cincinnati, Cincinnati, Ohio 45267,
USA.
NC 1T32GM08478 (NIGMS)
DK37908 (NIDDK)
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2000 Jan 19) 267 (2)
504-8.
Journal code: 0372516. ISSN: 0006-291X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200002
ED Entered STN: 20000309
Last Updated on STN: 20030304
Entered Medline: 20000223

L5 ANSWER 9 OF 12 MEDLINE on STN DUPLICATE 7
AN 1999290318 MEDLINE
DN 99290318 PubMed ID: 10363650
TI Role of the ubiquitin-proteasome pathway in sepsis-induced muscle
catabolism.
AU Hasselgren P O
CS Department of Surgery, University of Cincinnati, Ohio 45267-0558, USA..
hasselp@uc.edu
NC DK 37908 (NIDDK)
SO MOLECULAR BIOLOGY REPORTS, (1999 Apr) 26 (1-2) 71-6. Ref: 39
Journal code: 0403234. ISSN: 0301-4851.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 199909
ED Entered STN: 19990925
Last Updated on STN: 20000303
Entered Medline: 19990914

L5 ANSWER 10 OF 12 MEDLINE on STN DUPLICATE 8
AN 1998411322 MEDLINE
DN 98411322 PubMed ID: 9737984
TI The N-end rule pathway catalyzes a major fraction of the protein
degradation in skeletal muscle.
AU Solomon V; Lecker S H; Goldberg A L
CS Department of Cell Biology, Harvard Medical School, Boston, Massachusetts
02115, USA.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Sep 25) 273 (39) 25216-22.
Journal code: 2985121R. ISSN: 0021-9258.
(Investigators: Goldberg A L, Harvard Med Sch, Boston, MA)
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Space Life Sciences
EM 199810
ED Entered STN: 19981021
Last Updated on STN: 19981021

Entered Medline: 19981015

L5 ANSWER 11 OF 12 MEDLINE on STN DUPLICATE 9
AN 1998445417 MEDLINE
DN 98445417 PubMed ID: 9770532
TI Rates of ubiquitin conjugation increase when muscles atrophy, largely
through activation of the N-end rule pathway.
AU Solomon V; Baracos V; Sarraf P; Goldberg A L
CS Department of Cell Biology, Harvard Medical School, Boston, MA 02115, USA.
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1998 Oct 13) 95 (21) 12602-7.
Journal code: 7505876. ISSN: 0027-8424.
(Investigators: Goldberg A L, Harvard Med Sch, Boston, MA)
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Space Life Sciences
EM 199811
ED Entered STN: 19990106
Last Updated on STN: 19990106
Entered Medline: 19981112

L5 ANSWER 12 OF 12 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
AN 93:289413 SCISEARCH
GA The Genuine Article (R) Number: LA430
TI CRYSTAL-STRUCTURE OF A UBIQUITIN-DEPENDENT DEGRADATION SUBSTRATE - A
3-DISULFIDE FORM OF LYSOZYME
AU HILL C P; JOHNSTON N L; COHEN R E (Reprint)
CS UNIV CALIF LOS ANGELES, INST MOLEC BIOL, 405 HILGARD AVE, LOS ANGELES, CA,
90024; UNIV CALIF LOS ANGELES, DEPT CHEM & BIOCHEM, LOS ANGELES, CA, 90024
CYA USA
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (01 MAY 1993) Vol. 90, No. 9, pp. 4136-4140.
ISSN: 0027-8424.
DT Article; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 31
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

=> s ubr1

L6 281 UBR1

=> s 16 95a) human

MISSING OPERATOR L6 95A

The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s 16 (5a) human

L7 16 L6 (5A) HUMAN

=> s 17 not (11 or 13)

L8 14 L7 NOT (L1 OR L3)

=> dup rem 18

PROCESSING COMPLETED FOR L8

L9 5 DUP REM L8 (9 DUPLICATES REMOVED)

=> d 1-5

L9 ANSWER 1 OF 5 MEDLINE on STN
AN 2003170906 MEDLINE
DN 22575321 PubMed ID: 12690258
TI Ubiquitin-protein ligases in muscle wasting: multiple parallel pathways?.
AU Lecker Stewart H
CS Beth Israel Deaconess Medical Center and Harvard Medical School, Boston,
Massachusetts 02215, USA.. slecker@caregroup.harvard.edu

SO CURRENT OPINION IN CLINICAL NUTRITION AND METABOLIC CARE, (2003 May) 6 (3)
 271-5. Ref: 40
 Journal code: 9804399. ISSN: 1363-1950.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 200307
 ED Entered STN: 20030416
 Last Updated on STN: 20030719
 Entered Medline: 20030718

L9 ANSWER 2 OF 5 MEDLINE on STN
 AN 2002647918 MEDLINE
 DN 22295040 PubMed ID: 12391316
 TI Pairs of dipeptides synergistically activate the binding of substrate by
 ubiquitin ligase through dissociation of its autoinhibitory domain.
 AU Du Fangyong; Navarro-Garcia Federico; Xia Zanzian; Tasaki Takafumi;
 Varshavsky Alexander
 CS Division of Biology, California Institute of Technology, Pasadena, CA
 91125, USA.
 NC DK39520 (NIDDK)
 GM31530 (NIGMS)

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
 AMERICA, (2002 Oct 29) 99 (22) 14110-5.
 Journal code: 7505876. ISSN: 0027-8424.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200212
 ED Entered STN: 20021031
 Last Updated on STN: 20030105
 Entered Medline: 20021209

L9 ANSWER 3 OF 5 MEDLINE on STN
 AN 2002340681 MEDLINE
 DN 22078802 PubMed ID: 12083004
 TI Natural substrates of the proteasome and their recognition by the
 ubiquitin system.
 AU Ulrich H D
 CS Max Planck Institute for Terrestrial Microbiology, Department of
 Organismic Interactions, Karl-von-Frisch-Strasse, 35043 Marburg/Lahn,
 Germany.

SO CURRENT TOPICS IN MICROBIOLOGY AND IMMUNOLOGY, (2002) 268 137-74. Ref:
 226
 Journal code: 0110513. ISSN: 0070-217X.
 CY Germany: Germany, Federal Republic of
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, ACADEMIC)
 LA English
 FS Priority Journals
 EM 200207
 ED Entered STN: 20020627
 Last Updated on STN: 20021217
 Entered Medline: 20020722

L9 ANSWER 4 OF 5 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
 AN 1999-04622 BIOTECHDS
 TI Mouse and human Ubr1 cDNA;
 recombinant Ubr1 protein production via vector-mediated gene transfer
 and expression in host cell for the detection of muscle
 wasting-inhibitor
 AU Varshavsky A; Kwon Y T
 PA California-Inst.Technol.

LO Pasadena, CA, USA.
PI US 5861312 19 Jan 1999
AI US 1997-982956 2 Dec 1997
PRAI US 1997-982956 2 Dec 1997
DT Patent
LA English
OS WPI: 1999-130395 [11]

L9 ANSWER 5 OF 5 MEDLINE on STN DUPLICATE 2
AN 1998318583 MEDLINE
DN 98318583 PubMed ID: 9653112
TI The mouse and human genes encoding the recognition component of the N-end rule pathway.
AU Kwon Y T; Reiss Y; Fried V A; Hershko A; Yoon J K; Gonda D K; Sangam P; Copeland N G; Jenkins N A; Varshavsky A
CS Division of Biology, California Institute of Technology, Pasadena, CA 91125, USA.
NC DK39520 (NIDDK)
GM31530, (NIGMS)
NS29542 (NINDS)
+
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1998 Jul 7) 95 (14) 7898-903.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AF061555; GENBANK-AF061556
EM 199808
ED Entered STN: 19980817
Last Updated on STN: 20021217
Entered Medline: 19980806

=> s han, ?/au

L10 127119 HAN, ?/AU

=> s l10 and ubiquitin

L11 109 L10 AND UBIQUITIN

=> s l11 and human

L12 44 L11 AND HUMAN

=> s kwak, ?/au

L13 13113 KWAK, ?/AU

=> s l12 and l13

L14 0 L12 AND L13

=> dup rem l12

PROCESSING COMPLETED FOR L12

L15 18 DUP REM L12 (26 DUPLICATES REMOVED)

=> d 1-10

L15 ANSWER 1 OF 18 MEDLINE on STN DUPLICATE 1

AN 2003258494 MEDLINE

DN 22668892 PubMed ID: 12783801

TI lin-35/Rb and ubc-18, an E2 **ubiquitin**-conjugating enzyme, function redundantly to control pharyngeal morphogenesis in C. elegans.

AU Fay David S; Large Edward; **Han Min**; Darland Monica

CS Department of Molecular Biology, University of Wyoming, PO Box 3944, Laramie, WY 82071-3944, USA... davidfay@uwyo.edu

NC GM47869 (NIGMS)

SO DEVELOPMENT, (2003 Jul) 130 (14) 3319-30.

Journal code: 8701744. ISSN: 0950-1991.

CY England: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200308
ED Entered STN: 20030605
Last Updated on STN: 20030815
Entered Medline: 20030814

L15 ANSWER 2 OF 18 MEDLINE on STN DUPLICATE 2
AN 2003019221 MEDLINE
DN 22413694 PubMed ID: 12525615
TI Overlapping motifs (PTAP and PPEY) within the Ebola virus VP40 protein function independently as late budding domains: involvement of host proteins TSG101 and VPS-4.
AU Licata Jillian M; Simpson-Holley Martha; Wright Nathan T; **Han Ziying**; Paragas Jason; Harty Ronald N
CS Department of Pathobiology, School of Veterinary Medicine, University of Pennsylvania, Philadelphia, Pennsylvania 19104-6049, USA.
NC AI007324 (NIAID)
AI46499 (NIAID)
SO JOURNAL OF VIROLOGY, (2003 Feb) 77 (3) 1812-9.
Journal code: 0113724. ISSN: 0022-538X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200302
ED Entered STN: 20030115
Last Updated on STN: 20030212
Entered Medline: 20030211

L15 ANSWER 3 OF 18 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
AN 2003-03842 BIOTECHDS
TI The gene expression profiling of **human** visceral adipose tissue and its secretory functions;
expression profiling using cDNA array useful for proteomics and tissue characterization
AU YANG YS; SONG HD; LI RY; ZHOU LB; ZHU ZD; HU RM; **HAN ZG**; CHEN JL
CS Shanghai Med Univ 2; Chinese Natl Human Genome Ctr
LO Chen JL, Shanghai Med Univ 2, Shanghai Inst Endocrinol, Rui Jin Hosp, 197 Rui Jin Rd2, Shanghai 200025, Peoples R China
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS; (2003) 300, 4, 839-846 ISSN: 0006-291X
DT Journal
LA English

L15 ANSWER 4 OF 18 MEDLINE on STN
AN 2003304819 MEDLINE
DN 22716800 PubMed ID: 12819782
TI Downregulation of FUSE-binding protein and c-myc by tRNA synthetase cofactor p38 is required for lung cell differentiation.
AU Kim Min Jung; Park Bum-Joon; Kang Young-Sun; Kim Hyoung June; Park Jae-Hyun; Kang Jung Woo; Lee Sang Won; **Han Jung Min**; Lee Han-Woong; Kim Sunghoon
CS National Creative Research Initiatives Center for ARS Network, College of Pharmacy, Seoul National University, Seoul 151-742, Korea.
SO NATURE GENETICS, (2003 Jul) 34 (3) 330-6.
Journal code: 9216904. ISSN: 1061-4036.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200308
ED Entered STN: 20030701
Last Updated on STN: 20030802
Entered Medline: 20030801

L15 ANSWER 5 OF 18 MEDLINE STN DUPLICAT
AN 2002279553 MEDLINE
DN 22013775 PubMed ID: 12019178
TI Expression of hypoxia-inducible factors in **human** renal cancer:
relationship to angiogenesis and to the von Hippel-Lindau gene mutation.
AU Turner Kevin J; Moore John W; Jones Adam; Taylor Claire F;
Cuthbert-Heavens Darren; **Han Cheng**; Leek Russell D; Gatter Kevin
C; Maxwell Patrick H; Ratcliffe Peter J; Cranston David; Harris Adrian L
CS Imperial Cancer Research Fund Molecular Oncology Laboratory and
Angiogenesis Group, Institute of Molecular Medicine, John Radcliffe
Hospital, Oxford OX3 9DU, UK.
SO CANCER RESEARCH, (2002 May 15) 62 (10) 2957-61.
Journal code: 2984705R. ISSN: 0008-5472.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200207
ED Entered STN: 20020522
Last Updated on STN: 20020712
Entered Medline: 20020710

L15 ANSWER 6 OF 18 MEDLINE on STN DUPLICATE 4
AN 2002703250 MEDLINE
DN 22352506 PubMed ID: 12465058
TI Large French-Canadian family with Lewy body parkinsonism: exclusion of
known loci.
AU Grimes David A; Grimes J David; Racacho Lem; Scoggan Kylie A; **Han
Fabian**; Schwarz Betty Anne; Woulfe John; Bulman Dennise
CS Ottawa Health Research Institute, Ottawa, Canada..
dagrimes@ottawahospital.on.ca
SO MOVEMENT DISORDERS, (2002 Nov) 17 (6) 1205-12.
Journal code: 8610688. ISSN: 0885-3185.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200303
ED Entered STN: 20021217
Last Updated on STN: 20030325
Entered Medline: 20030324

L15 ANSWER 7 OF 18 MEDLINE on STN
AN 2002153158 MEDLINE
DN 21844149 PubMed ID: 11854929
TI Morphometric evaluation of PGP9.5 and NCAM expressing nerve fibers in
colonic muscle of patients with Hirschsprung's disease.
AU Oh Jung Tak; **Han Ai Ri**; Yang Woo Ick; **Han Seok Joo**;
Choi Seung Hoon; Hwang Eui Ho
CS Department of Pediatric Surgery, Yonsei University College of Medicine,
C.P.O. Box 8044, Seoul 120-752, Korea.
SO YONSEI MEDICAL JOURNAL, (2002 Feb) 43 (1) 31-6.
Journal code: 0414003. ISSN: 0513-5796.
CY Korea (South)
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200204
ED Entered STN: 20020312
Last Updated on STN: 20020404
Entered Medline: 20020402

L15 ANSWER 8 OF 18 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN DUPLICATE 5
AN 2002140053 EMBASE
TI Possible reasons for TP53 accumulation in nasopharyngeal carcinoma using
atlas **human** cancer cDNA expression array.
AU Li H.; **Han W.-N.**; Zhang L.; Feng X.-L.; Yao K.-T.

CS K.-T. Yao, Cancer Research Institute, Xiangya Medical School, Central
Southern University, Changsha 410078, China. klcrcmh@public.cs.hn.cn
SO Chinese Journal of Cancer Research, (2002) 14/1 (28-32).
Refs: 15
ISSN: 1000-9604 CODEN: CJCRFH
CY China
DT Journal; Article.
FS 011 Otorhinolaryngology
016 Cancer
022 Human Genetics
LA English
SL English

L15 ANSWER 9 OF 18 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:560101 BIOSIS
DN PREV200100560101
TI Exclusion of genetic linkage to known loci in a large French Canadian
family with Lewy body parkinsonism.
AU Scoggan, K. A. (1); Grimes, D. A. (1); Grimes, J. D.; Racacho, L. (1);
Han, F. (1); Schwarz, B. A.; Woulfe, J.; Bulman, D. E. (1)
CS (1) Molecular Medicine Program, Ottawa Health Research Institute, Ottawa,
ON Canada
SO American Journal of Human Genetics, (October, 2001) Vol. 69, No. 4
Supplement, pp. 513. print.
Meeting Info.: 51st Annual Meeting of the American Society of Human
Genetics San Diego, California, USA October 12-16, 2001
ISSN: 0002-9297.
DT Conference
LA English
SL English

L15 ANSWER 10 OF 18 HCAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:375859 HCAPLUS
DN 135:118421
TI Low homologous protein structure prediction
AU Ni, Li-Sheng; Mao, Feng-Lou; **Han, Yu-Zhen**; Lai, Lu-Hua
CS College of Chemistry of Molecular Engineering, Institute of Physical
Chemistry, State Key Laboratory of Structural Studies for Stable and
Unstable Species, Peking University, Beijing, 100871, Peop. Rep. China
SO Wuli Huaxue Xuebao (2001), 17(5), 389-392
CODEN: WHXUEU; ISSN: 1000-6818
PB Beijing Daxue Chubanshe
DT Journal
LA Chinese

=> d 11-18

L15 ANSWER 11 OF 18 HCAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:180037 HCAPLUS
DN 134:188994
TI Protein and cDNA sequences for a novel **human ubiquitin**
-conjugating enzyme-2 protein hUCE2 and expression and use thereof
IN Li, Yuebin; Song, Huaidong; Gao, Guofeng; Chen, Zhu; **Han, Zheguang**
PA South China Research Center, National Human Gene Group, Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 20 pp.
CODEN: CNXXEV

DT Patent
LA Chinese

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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1268564	A	20001004	CN 2000-111689	20000217
PRAI	CN 2000-111689		20000217		

L15 ANSWER 12 OF 18 MEDLINE on STN
AN 2000243444 MEDLINE
DN 20243444 PubMed ID: 10779463

TI Relationship between regional cardiac hyperinnervation and atricular
 arrhythmia.
 AU Cao J M; Fishbein M C; **Han J B**; Lai W W; Lai A C; Wu T J; Czer
 L; Wolf P L; Denton T A; Shintaku I P; Chen P S; Chen L S
 CS Division of Cardiology, University of California Los Angeles School of
 Medicine, 90027, USA.
 NC HL-52319 (NHLBI)
 SO CIRCULATION, (2000 Apr 25) 101 (16) 1960-9.
 Journal code: 0147763. ISSN: 1524-4539.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 200005
 ED Entered STN: 20000525
 Last Updated on STN: 20010521
 Entered Medline: 20000512

L15 ANSWER 13 OF 18 MEDLINE on STN DUPLICATE 6
 AN 2001120312 MEDLINE
 DN 20574102 PubMed ID: 11124442
 TI Quantitative neurohistological features of frontotemporal degeneration.
 AU Arnold S E; **Han L Y**; Clark C M; Grossman M; Trojanowski J Q
 CS Department of Psychiatry, University of Pennsylvania School of Medicine,
 Philadelphia, Pennsylvania 19104, USA.. alveus@mail.med.upenn.edu
 NC AG09215 (NIA)
 AG10124 (NIA)
 MH55199 (NIMH)
 +
 SO NEUROBIOLOGY OF AGING, (2000 Nov-Dec) 21 (6) 913-9.
 Journal code: 8100437. ISSN: 0197-4580.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200102
 ED Entered STN: 20010322
 Last Updated on STN: 20010322
 Entered Medline: 20010215

L15 ANSWER 14 OF 18 LIFESCI COPYRIGHT 2003 CSA on STN
 AN 2002:50912 LIFESCI
 TI Rapid communication: The ovine cDNA encoding interferon-stimulated gene
 product 17 (ISG17)
 AU Nighswonger, A.M.; Austin, K.J.; Ealy, A.D.; **Han, C.-S.**; Hansen,
 T.R.
 CS Department of Animal Science, University of Wyoming, Laramie, WY 82071,
 USA
 SO Journal of Animal Science [J. Anim. Sci.], (20000500) vol. 78, no. 5,
 [np].
 ISSN: 0021-8812.
 DT Journal
 FS G
 LA English
 SL English

L15 ANSWER 15 OF 18 MEDLINE on STN DUPLICATE 7
 AN 1999091616 MEDLINE
 DN 99091616 PubMed ID: 9873017
 TI Tumor necrosis factor-alpha-inducible IkappaBalpha proteolysis mediated by
 cytosolic m-calpain. A mechanism parallel to the ubiquitin
 -proteasome pathway for nuclear factor-kappaB activation.
 AU **Han Y**; Weinman S; Boldogh I; Walker R K; Brasier A R
 CS Department of Internal Medicine, University of Texas Medical Branch,
 Galveston, Texas 77555-1060, USA.
 NC NHLBI55630 (NHLBI)
 P30ES06676 (NIEHS)
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jan 8) 274 (2) 787-94.

Journal code: 2985121R. I 0021-9258.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199902
ED Entered STN: 19990223
Last Updated on STN: 20020919
Entered Medline: 19990205

L15 ANSWER 16 OF 18 MEDLINE on STN DUPLICATE 8
AN 95266948 MEDLINE
DN 95266948 PubMed ID: 7748074
TI Cortical Lewy bodies in Alzheimer's disease.
AU Kazee A M; **Han L Y**
CS Department of Pathology and Laboratory Medicine, University of Rochester,
New York 14642, USA.
NC AG08665-05 (NIA)
SO ARCHIVES OF PATHOLOGY AND LABORATORY MEDICINE, (1995 May) 119 (5) 448-53.
Journal code: 7607091. ISSN: 0003-9985.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 199506
ED Entered STN: 19950621
Last Updated on STN: 19980206
Entered Medline: 19950615

L15 ANSWER 17 OF 18 MEDLINE on STN
AN 92152976 MEDLINE
DN 92152976 PubMed ID: 1838471
TI Altered cutaneous innervation in psoriatic skin as revealed by PGP 9.5
immunohistochemistry.
AU Johansson O; **Han S W**; Enhamre A
CS Department of Histology and Neurobiology, Karolinska Institutet,
Stockholm, Sweden.
SO ARCHIVES OF DERMATOLOGICAL RESEARCH, (1991) 283 (8) 519-23.
Journal code: 8000462. ISSN: 0340-3696.
CY GERMANY: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199203
ED Entered STN: 19920405
Last Updated on STN: 19920405
Entered Medline: 19920313

L15 ANSWER 18 OF 18 MEDLINE on STN DUPLICATE 9
AN 85285980 MEDLINE
DN 85285980 PubMed ID: 2993057
TI N-epsilon-acetylation of porcine mature erythrocytes **ubiquitin**.
AU Zhu D X; Xu L X; Zhu N Z; Briand G; **Han K K**
SO INTERNATIONAL JOURNAL OF BIOCHEMISTRY, (1985) 17 (6) 719-21.
Journal code: 0250365. ISSN: 0020-711X.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198510
ED Entered STN: 19900320
Last Updated on STN: 19900320
Entered Medline: 19851010

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(FILE 'HOME' ENTERED AT 13:49:12 ON 26 SEP 2003)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBAS, HCAPLUS,
NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 13:50:45 ON 26 SEP 2003

L1 28 S E3A (3A) UBIQUITIN
L2 12 DUP REM L1 (16 DUPLICATES REMOVED)
L3 26 S E3ALPHA (3A) UBIQUITIN
L4 25 S L3 NOT L1
L5 12 DUP REM L4 (13 DUPLICATES REMOVED)
L6 281 S UBR1
L7 16 S L6 (5A) HUMAN
L8 14 S L7 NOT (L1 OR L3)
L9 5 DUP REM L8 (9 DUPLICATES REMOVED)
L10 127119 S HAN, ?/AU
L11 109 S L10 AND UBIQUITIN
L12 44 S L11 AND HUMAN
L13 13113 S KWAK, ?/AU
L14 0 S L12 AND L13
L15 18 DUP REM L12 (26 DUPLICATES REMOVED)